

Please type a plus sign (+) inside this box → (+)

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT APR 2 2003 (Print name and address as necessary)		Application Number	10/714,395	
		Filing Date	November 17, 2003	
		First Named Inventor	Shigenori HASASHI	
		Group Art Unit	1773	
		Examiner Name	Stevan A. Resan	
1	of	3	Attorney Docket Number	0756-7222

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RW		4,717,622		Kurkawa et al.	01/05/88	
		4,774,130		Endo et al.	09/27/88	
		4,840,844		Futamoto et al.	06/20/89	
		4,880,687		Yokoyama et al.	11/14/89	
		4,892,789		Nakayama et al.	01/09/90	
		5,266,409		Schmidt et al.	11/30/93	
		5,275,850		Kitoh et al.	01/04/94	
		4,647,494		Meyerson et al.	03/03/97-87	
		5,637,373		Hayashi	06/10/97	
		5,466,431		Dorfman et al.	11/14/95	
		5,500,296		Inoue et al.	03/19/96	
		4,804,590		Nakamura et al.	02/14/89	
		5,110,676		Murai et al.	05/05/92	
V		4,996,079		Itoh	02/26/91	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ³	Kind Code ² (if known)			
REM 3/25/06		JP	58-042472			03/11/83	Full
		JP	01-226711			09/11/89	Full
		JP	02-083816			03/23/90	Full
		JP	02-125877			05/14/90	Full
		JP	62-241124			10/21/87	Abst.
		JP	63-121116			05/25/88	Full
		JP	03-019120			01/28/91	Full
		JP	03-256220			11/14/91	Abst.
		JP	04-134623			05/08/92	Abst.
		JP	04-313812			11/05/92	Full
		JP	61-220119			09/30/86	Full
		JP	64-076422			03/22/89	Full
		JP	01-096820			04/14/89	Full

Examiner Signature	<i>Stevan A. Resan</i>	Date Considered	3-9-2005
--------------------	------------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.